

Serial No.: 10/806,385
Docket No.: 28951.2162

IN THE DRAWINGS:

Applicants have amended Figure 4B to identify the molded connection. Drawing sheets in compliance with 37 CFR 1.121(d) accompany this Amendment.

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REMARKS

Claims 1-8, as amended, remain herein.

Applicants believe that this amendment places this application fully in condition for allowance, and surely places it in better condition for any appeal. Accordingly, entry of this amendment and allowance of all claims 1-8 are respectfully requested.

1. Applicants have amended Figure 4b to illustrate the molded connection, thereby curing the objection to the drawings.

2. Applicants' have amended Claims 1 and 8 to recite that the coil embedded in a curable magnetic material which is molded together with said coil, thereby mooted the rejections under 35 U.S.C. §112, first and second paragraphs.

3. Claims 1-8 are rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent 6,198,375 to Shafer in view of U.S. Patent 6,710,691 to Yu et al.

Shafer discloses an inductor coil structure formed from a flat plate. Shafer's Figures 7 and 8 disclose an inductor coil having the shape of a square wave. Thus, Shafer does not disclose a coil comprising punched and folded metal plate having at least two semi-circular disks folded over each other as claimed by applicants.

Yu does not supply what is missing in Shafer. Yu's Figures 5 and 6 show that coil 306 is wire that is wrapped around core 304; see col. 4, lines 14-16. Thus, Yu does not disclose a coil comprising punched and folded metal plate having at least two semi-circular disks folded over each other as claimed by applicants.

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For all of the foregoing reasons, there is no disclosure or teaching in either of Shafer or Yu that would have suggested applicants' claimed invention to one of ordinary skill in this art. Further, there is no disclosure or teaching in either Shafer or Yu that would have suggested the desirability of combining any portions thereof effectively to anticipate or suggest applicants' claimed invention. Withdrawal of this rejection and allowance of all claims 1-8 are therefore respectfully requested.

Accordingly, the application is now in condition for allowance and a notice to that effect is respectfully requested. The Commissioner is hereby authorized to charge/credit any fee deficiencies or overpayments to Deposit Account No. 19-4293 (Order No. 28951.2162). If further amendments would place this application in even better condition for issue, the Examiner is invited to call applicants' undersigned attorney at the number listed below.

Respectfully submitted,

STEPTOE & JOHNSON LLP

A handwritten signature in black ink, appearing to read "Roger W. Parkhurst", written over the printed name.

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RWP/TYW:mn1



FIG. 4A

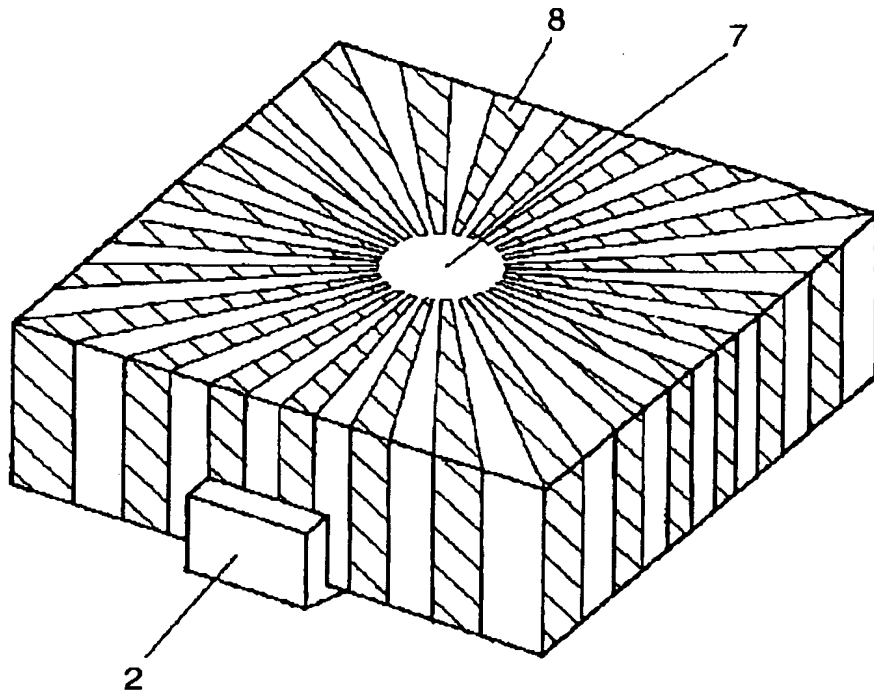


FIG. 4B

